

Quiz 3

- 1) Solve for x

$$(x - 5)^{\frac{2}{3}} = 16$$

- 2) Solve for x

$$|x^2 + 6x| = 3x + 18$$

- 3) Find y so distance between points is 17

$$(-8, 4) \text{ and } (7, y)$$

- 4) Find the center and radius of the circle:

$$x^2 + x^2 - 2x + 6y + 6 = 0$$